

* Refer to parts list on page 14.

KA-1080

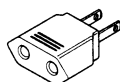
CONTENTS / ACCESSORIES / CONTROLS

Contents

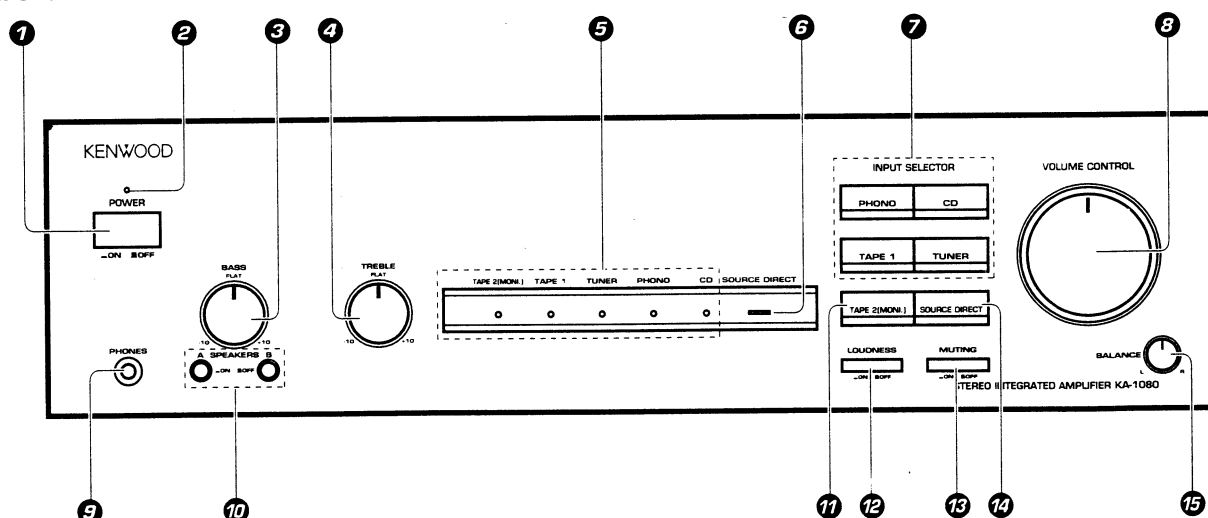
| | | | |
|---|---|-------------------------|------------|
| CONTENTS / ACCESSORIES / CONTROLS | 2 | SCHEMATIC DIAGRAM | 9 |
| BLOCK DIAGRAM | 3 | EXPLODED VIEW | 13 |
| ADJUSTMENT | 4 | PARTS LIST | 14 |
| PC BOARD | 5 | SPECIFICATIONS | Back cover |

Accessories

AC plug adaptor(1)
(E03-0115-05)
M type only

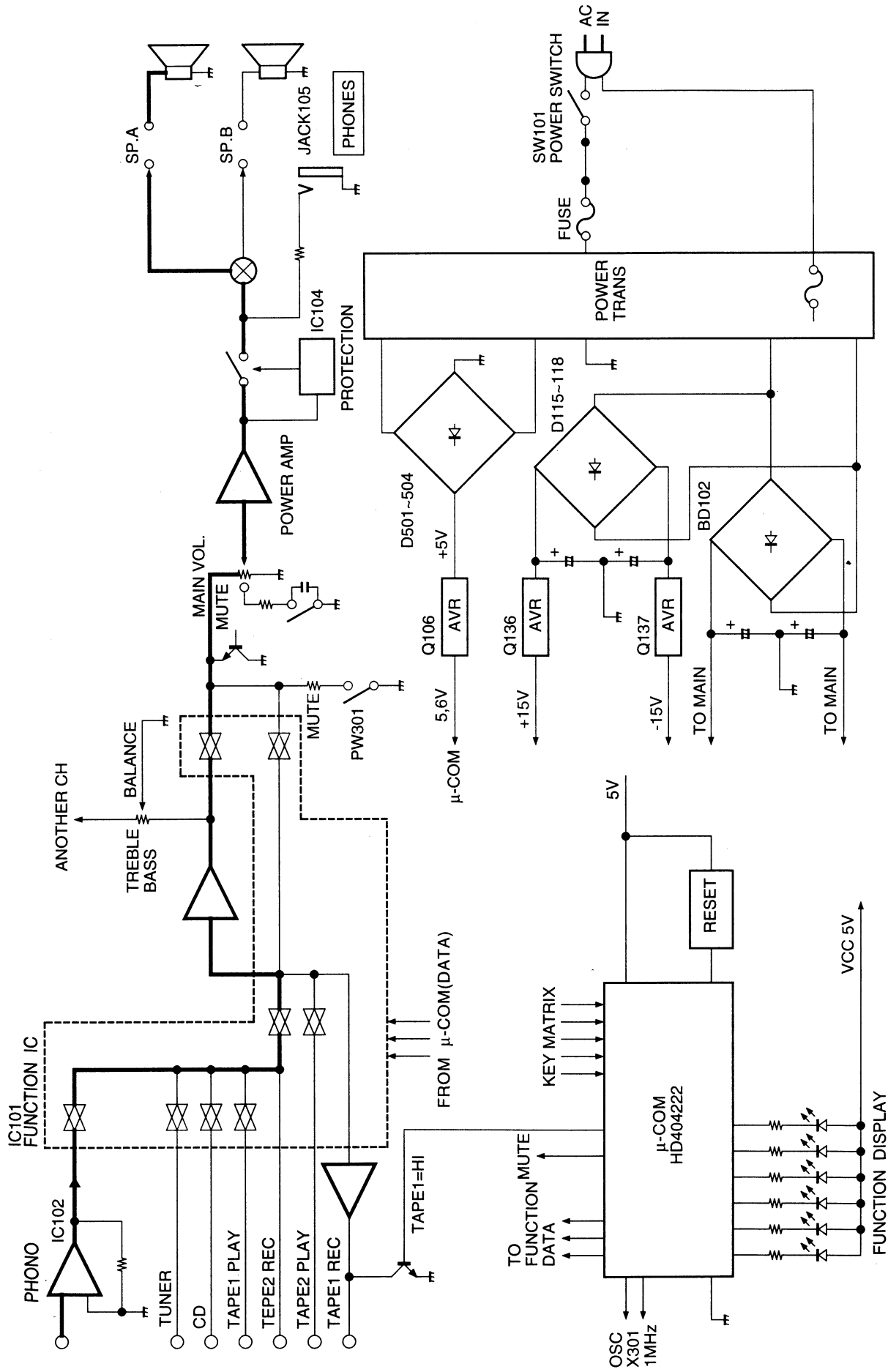


Controls



- 1 POWER key**
Press to turn on/off the power.
- 2 POWER indicator**
- 3 BASS knob**
To adjust low frequencies.
- 4 TREBLE knob**
To adjust high frequencies.
- 5 INPUT indicator**
An indicator lights for the source selected with the INPUT SELECTOR keys.
- 6 SOURCE DIRECT indicator**
- 7 INPUT SELECTOR keys**
Press to select the input sources.
- 8 VOLUME CONTROL knob**
Adjust the volume.
- 9 PHONES jack**
Used for headphone listening.
- 10 SPEAKERS A/B switches**
Press to select the A and/or B speaker systems.
- 11 TAPE 2(MONI.) key**
Press to monitor the sound being recorded.
- 12 LOUDNESS key**
Use to emphasize deep bass sounds.
- 13 MUTING key**
Mute the sound temporarily.
- 14 SOURCE DIRECT key**
To listen to a source with high quality sound.
- 15 BALANCE knob**
Adjust the volume balance between left and right.

BLOCK DIAGRAM

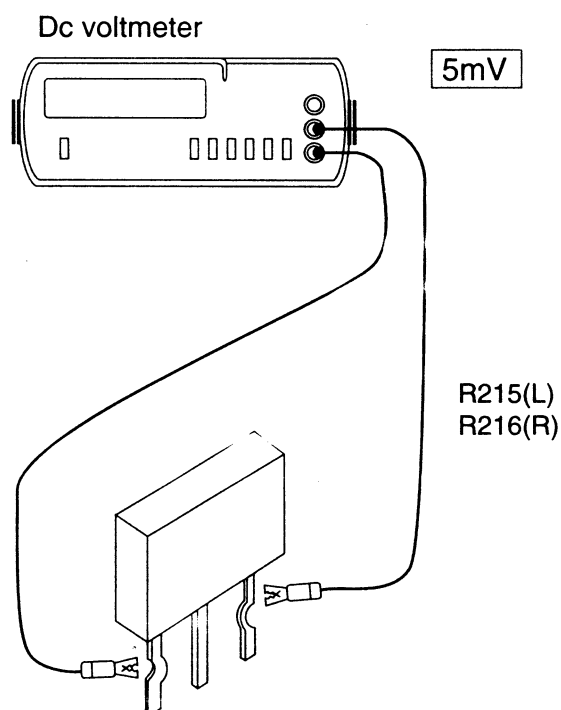


KA-1080

ADJUSTMENT

| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | AMPLIFIER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|---|--------------|-------------------|---|-----------------------|--------------------------------------|-----------|------|
| Unless otherwise specified, the individual switches should be set as following : POWER : ON SPEAKER : B SELECTOR : PHONO | | | | | | | |
| 1 | IDLE CURRENT | — | Connect a DC voltmeter between R215 (Lch), R216 (Rch). (MAIN PCB) | VOLUME : 0 | VR101 (L) VR102 (R) (MAIN PCB) | 5mV | (a) |

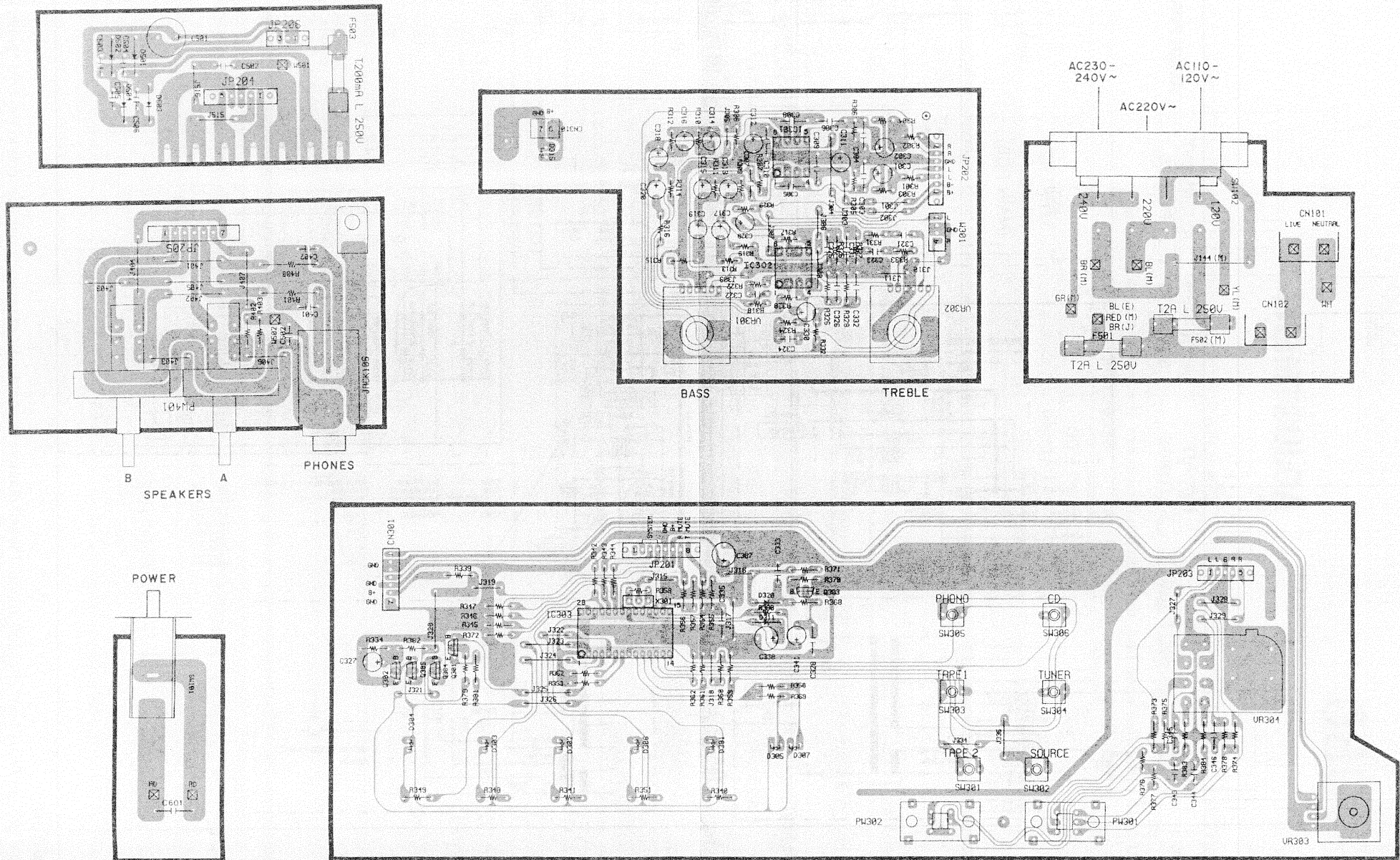
(a)

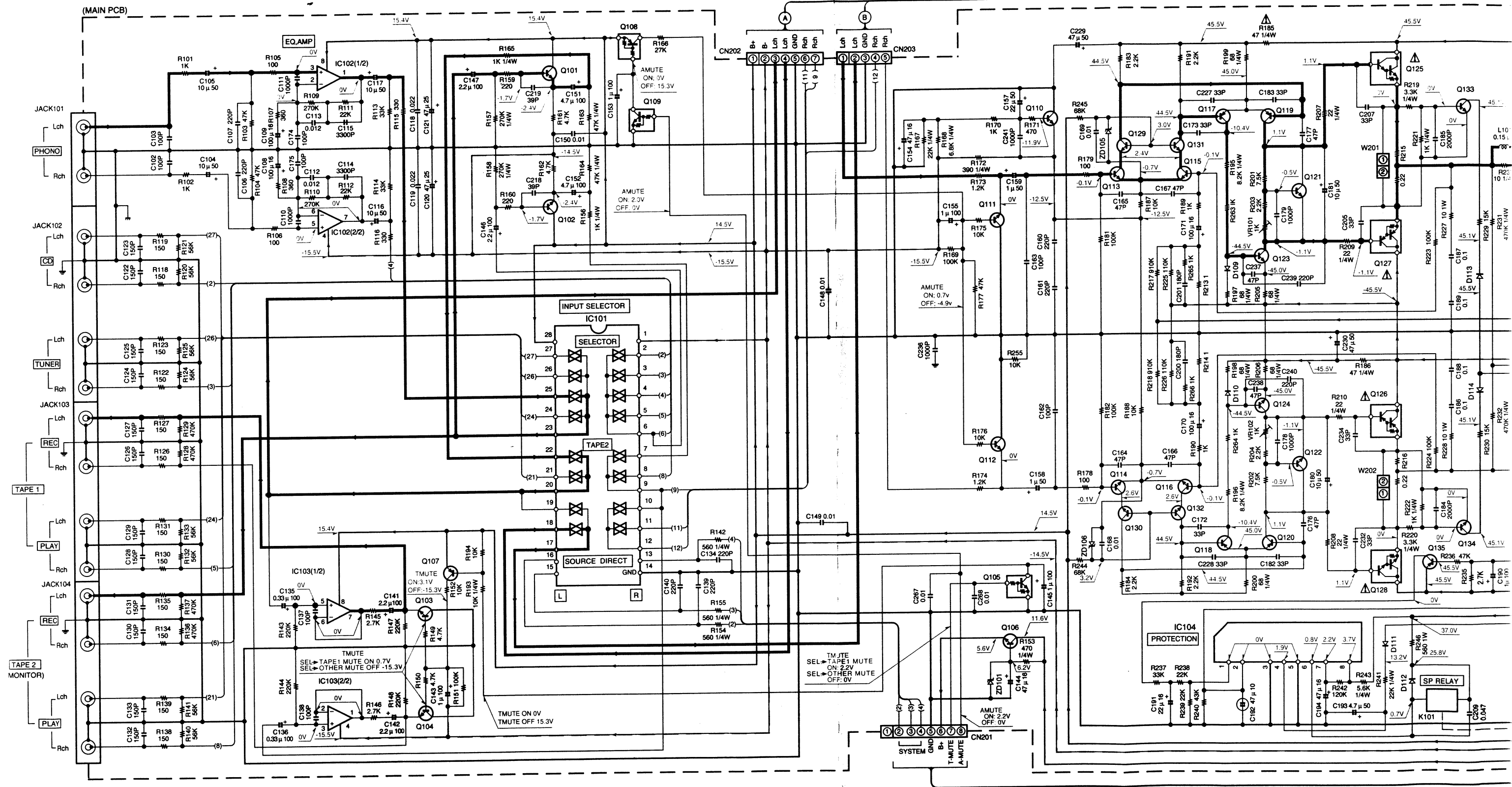


Caution :

Signal ground floats from chassis ground. Please connect the cold lead of tester or oscilloscope to the cold terminal of speaker or input jack if check and/or measure the voltage. (Don't connect ground of unit.)

PC BOARD (Component side view)

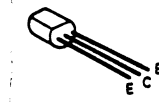




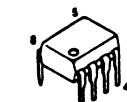
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

2SC2878



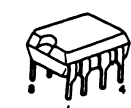
NJM4565D-D



DTA114ES
DTA124ES
DTC114TS
DTC124ES
2SC1740SR



NJM4580D-D



UPC1237HA



K

M

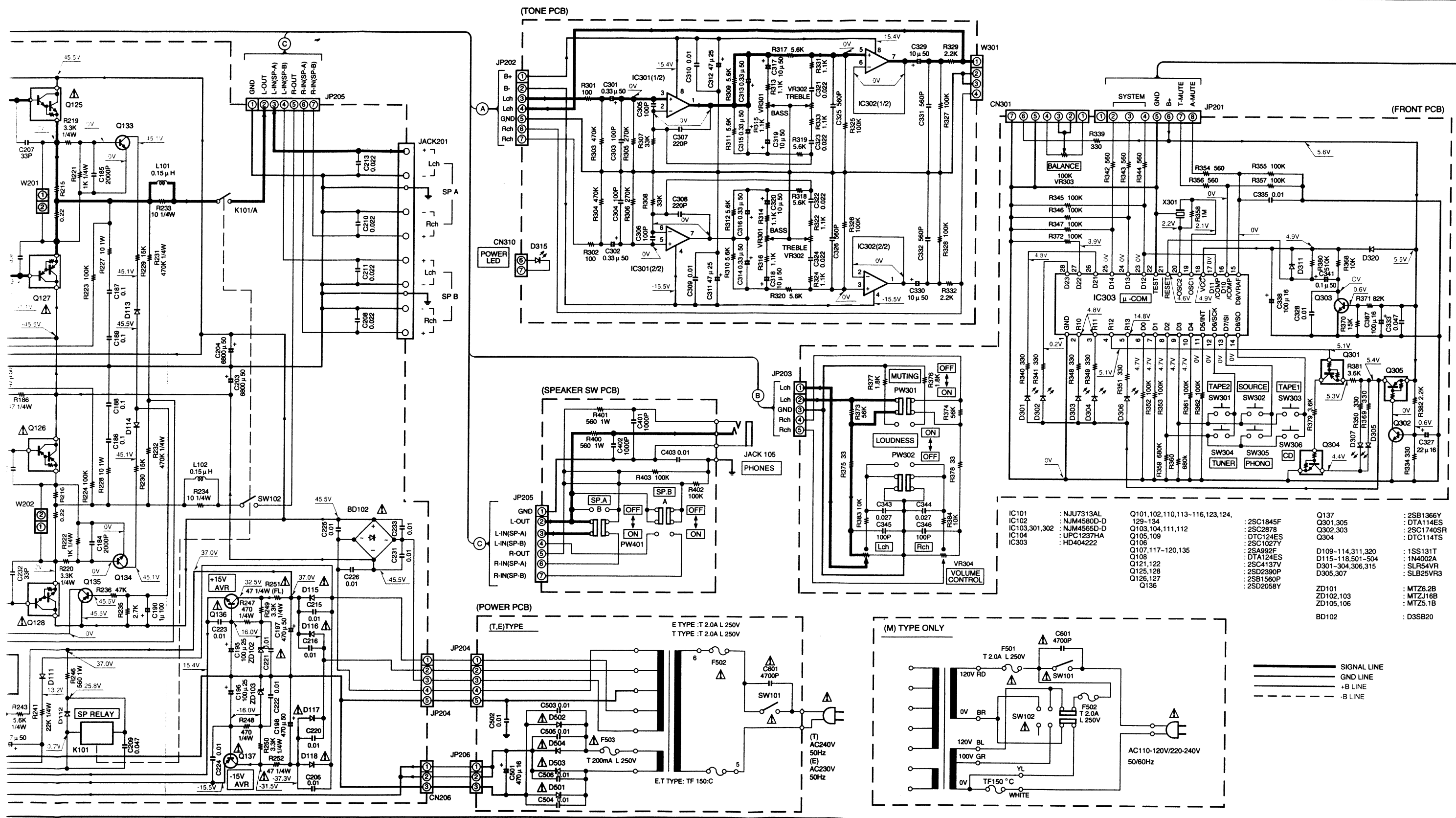
O

Q

R

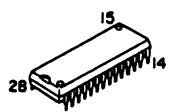
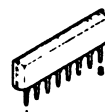
S

U



UPC1237HA

NJU7313AL



KA-1080

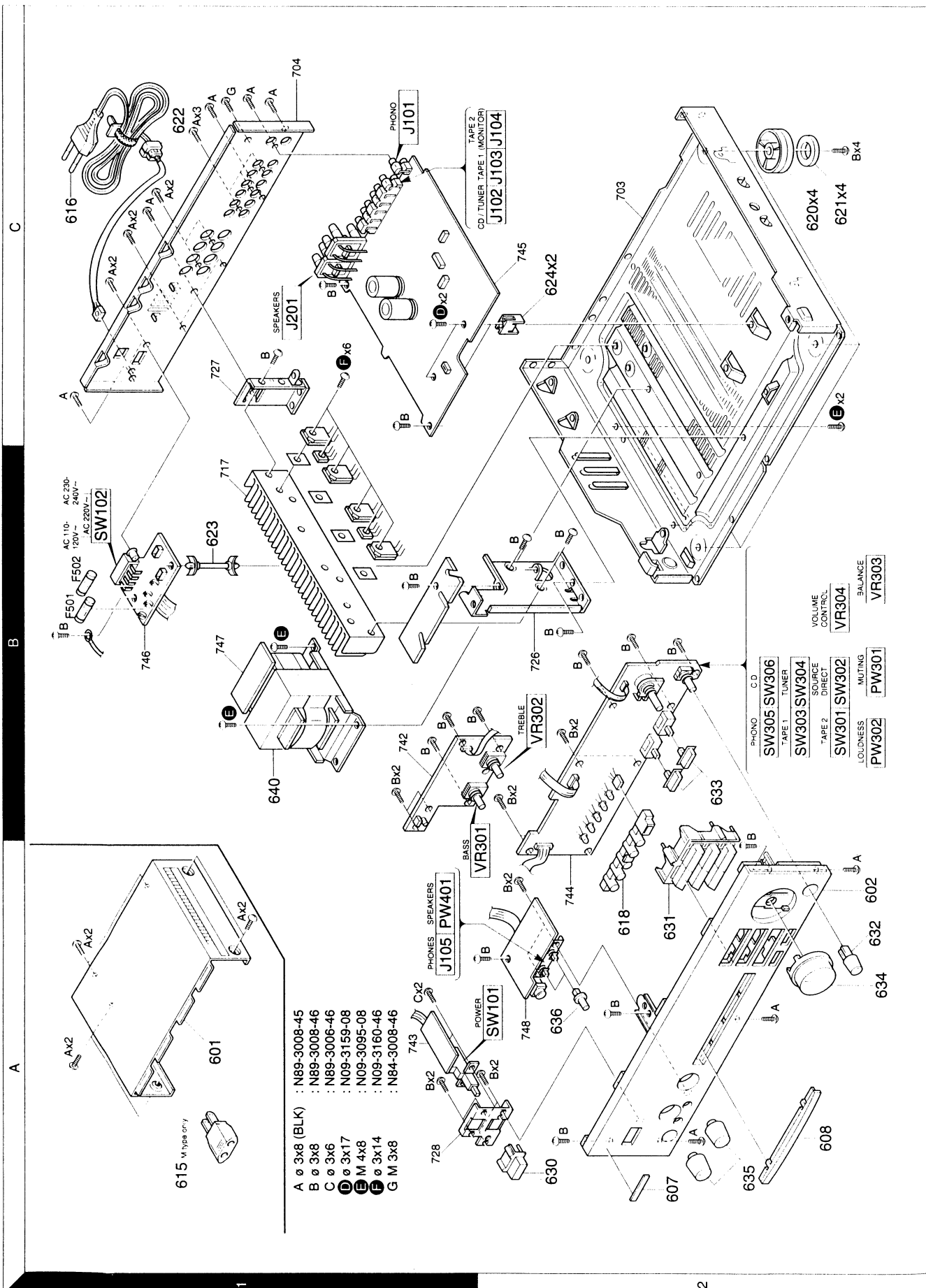
KENWOOD

Y08-5462-70

K L M N O P Q R S T



EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

KA-1080

PARTS LIST

2

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|-------------|--------------|----------|
| C137,138 | | | C91-0745-05 | CERAMIC | | |
| C139,140 | | | C91-0749-05 | CERAMIC | K | |
| C141,142 | | | CE04KW2A2R2M | ELECTRO | 100WV | |
| C143 | | | CE04KW2A010M | ELECTRO | 100WV | |
| C144 | | | CE04KW1C470M | ELECTRO | 16WV | |
| C145 | | | CE04KW2A010M | ELECTRO | 100WV | |
| C146,147 | | | CE04KW2A2R2M | ELECTRO | 100WV | |
| C148,149 | | | C91-0769-05 | CERAMIC | K | |
| C150 | | | CK45FB1H103K | CERAMIC | 0.010UF | |
| C151,152 | | | CE04KW2A4R7M | ELECTRO | 4.7UF | |
| C153 | | | CE04KW2A010M | ELECTRO | 100WV | |
| C154 | | | CE04KW1C470M | ELECTRO | 16WV | |
| C155 | | | CE04KW2A010M | ELECTRO | 100WV | |
| C157 | | | CE04KW1H220M | ELECTRO | 50WV | |
| C158,159 | | | CE04KW1H010M | ELECTRO | 1.0UF | |
| C160,161 | | | C91-0749-05 | CERAMIC | K | |
| C162,163 | | | C91-0745-05 | CERAMIC | 100PF | |
| C164,167 | | | CC45FCH1H470J | CERAMIC | 47PF | |
| C168,169 | | | CK45FB1H103K | CERAMIC | 0.010UF | |
| C170,171 | | | CE04KW1C101M | ELECTRO | 100UF | |
| C172,173 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C174,175 | | | C91-0745-05 | CERAMIC | 100PF | |
| C176,177 | | | CC45FCH1H470J | CERAMIC | 47PF | |
| C178,179 | | | CK45FB1H102K | CERAMIC | 1000PF | |
| C180,181 | | | CE04KW1H100M | ELECTRO | 10UF | |
| C182,183 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C184,185 | | | CK45FB1H222K | CERAMIC | 2200PF | |
| C186-189 | | | C92FM1H104J | MYLAR | 0.10UF | |
| C190 | | | CE04KW2A010M | ELECTRO | 1.0UF | |
| C191 | | | CE04KW1C220M | ELECTRO | 22UF | |
| C192 | | | CE04KW1A470M | ELECTRO | 47UF | |
| C193 | | | CE04KW1H47M | ELECTRO | 4.7UF | |
| C194 | | | CE04KW1C470M | ELECTRO | 47UF | |
| C195,196 | | | CE04KW1E101M | ELECTRO | 100UF | |
| C197,198 | | | CE04KW1H471M | ELECTRO | 470UF | |
| C200,201 | | | C91-0748-05 | CERAMIC | 180PF | |
| C203,204 | | | CE04KW1H682M | ELECTRO | 6800UF | |
| C205 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C206 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C207 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C208 | | | CK45FE1H223K | CERAMIC | 0.022UF | |
| C209 | | | CQ92FM1H473J | MYLAR | 0.047UF | |
| C210,211 | | | CK45FF1H223K | CERAMIC | 0.022UF | |
| C213 | | | CK45FF1H223Z | CERAMIC | 0.022UF | |
| C215,216 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C218,219 | | | C91-0735-05 | CERAMIC | 39PF | |
| C220 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C221-224 | | | CK45FB1H103K | CERAMIC | 0.010UF | |
| C225,226 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C227,228 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C229,230 | | | CE04KW1H470M | ELECTRO | 47UF | |
| C231 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C232 | | | CC45FSL1H330J | CERAMIC | 33PF | |
| C233 | | | CK45FB2H103K | CERAMIC | 0.010UF | |
| C234 | | | CC45FSL1H330J | CERAMIC | 33PF | |

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)

K : USA
T : Europe
X : Australia

P : Canada
E : Europe
M : Other Areas

R : Mexico
G : Germany

Δ indicates safety critical components.

1

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|-----------------|----------|-----------|--------------|-------------------------------|--------------|----------|
| KA-1080 | | | | | | |
| 601 | 1A | | A01-3357-08 | METALLIC CABINET | | |
| 602 | 2A | | A60-0998-08 | PANEL | ET | |
| 607 | 2A | | B43-0302-04 | KENWOOD BADGE | T | |
| 608 | 2A | | B70-2266-08 | FRONT GLASS | M | |
| - | | | B46-0310-03 | WARRANTY CARD | | |
| - | | | B60-2770-08 | INSTRUCTION MANUAL(EN) | | |
| - | | | B60-2771-08 | INSTRUCTION MANUAL(EN/SP/C) | | |
| - | | | B60-2772-08 | INSTRUCTION MANUAL(F/G/D/ISP) | E | |
| - | | | B60-2773-08 | INSTRUCTION MANUAL(TAIWAN) | M | |
| - | | | B60-2774-08 | INSTRUCTION MANUAL(PO) | E | |
| 615 | 1A | | E03-0115-05 | AC PURG ADAPTOR | M | |
| 616 | 1C | | E30-2718-08 | AC POWER CORD | T | |
| 616 | 1C | | E30-2799-08 | AC POWER CORD | EM | |
| - | | | H50-2013-08 | ITEM CARTON CASE | ET | |
| - | | | H50-2015-08 | ITEM CARTON CASE | M | |
| - | | | H10-7232-08 | POLYSTYRENE FOAMED FIXTURE | | |
| - | | | H23-1572-08 | PROTECTION BAG(MANUAL) | | |
| - | | | H23-1587-08 | PROTECTION BAG(SET) | ET | |
| 618 | 2A | | J19-5724-08 | HOLDER | | |
| 620 | 2B,2C | | J02-1166-08 | FOOT | | |
| 621 | 2C | | G13-0534-08 | CUSHION(FOOT) | | |
| 622 | 1C | | J42-0200-08 | POWER CORD BUSHING | | |
| 623 | 1B | | J19-3631-08 | UNIT HOLDER | | |
| 624 | 2C | | J19-5725-08 | UNIT HOLDER | | |
| 630 | 2A | | K29-6431-08 | K10B POWER | | |
| 631 | 2A | | K29-6474-08 | K10B INPUT SELECTOR | | |
| 632 | 2A | | K29-6475-08 | K10B BALANCE | | |
| 633 | 2B | | K29-6473-08 | KNOB LOUDNESS/MUTING | | |
| 634 | 2A | | K29-6478-08 | KNOB VOLUME CONTROL | | |
| 635 | 2A | | K29-6476-08 | KNOB BASS/TREBLE | | |
| 636 | 2A | | K29-6477-08 | KNOB SPEAKER A/B | | |
| 640 | 1B | | L07-2218-08 | POWER TRANSFORMER | | |
| 640 | 1B | | L07-2219-08 | POWER TRANSFORMER | ET | |
| D | | | N09-3159-08 | TAPTITE SCREW M3X17 | M | |
| E | | | N09-3095-08 | TAPTITE SCREW M4X8 | | |
| F | | | N09-3160-08 | TAPTITE SCREW M3X14 | | |
| ELECTRICAL UNIT | | | | | | |
| C102,103 | | | C91-0745-05 | CERAMIC | 100PF | |
| C104,105 | | | CE04KW1H100M | ELECTRO | 50WV | |
| C106,107 | | | C91-0749-05 | CERAMIC | 220PF | |
| C108,109 | | | CE04KW1C101M | ELECTRO | 100UF | |
| C110,111 | | | C91-0757-05 | CERAMIC | 1000PF | |
| C112,113 | | | CQ92FM1H123J | MYLAR | 0.012UF | |
| C114,115 | | | CQ92FM1H332J | MYLAR | 3300PF | |
| C116,117 | | | CE04KW1H100M | ELECTRO | 10UF | |
| C118,119 | | | CK14FF1E223Z | CERAMIC | 50WV | |
| C120,121 | | | CE04KW1E470M | ELECTRO | 0.022UF | |
| C122-133 | | | C91-0747-05 | CERAMIC | 47UF | |
| C134 | | | C91-0749-05 | CERAMIC | 150PF | |
| C135,136 | | | CE04KW2AR33M | ELECTRO | 220PF | |
| | | | | | 0.33UF | |
| | | | | | 100WV | |

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)

K : USA
T : Europe
X : Australia

P : Canada
E : Europe
M : Other Areas

R : Mexico
G : Germany

Δ indicates safety critical components.

PARTS LIST

| * New Parts Parts without Parts No. are not supplied. Les articles non mentionnés dans le Parts No. ne sont pas fournis. Teile ohne Parts No. werden nicht geliefert. | | | | | | | * New Parts Parts without Parts No. are not supplied. Les articles non mentionnés dans le Parts No. ne sont pas fournis. Teile ohne Parts No. werden nicht geliefert. | | | | | | |
|---|----------|-----------|---------------|-----------------------------|--------------|----------|---|----------|-----------|--------------|------------------------------|----------------|----------|
| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks | Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
| C235 | | | CQ92FM1H102J | MYLAR | | | R400,401 | | | RS14GB3A561J | FL-PROOF RS | | |
| C235,236 | | | CK45FB1H102K | CERAMIC | | | VR101,102 | | * | R12-1066-05 | SEMI FIXED VARIABLE RESISTOR | J 1W | |
| C237,238 | | | CC45FCH1H470J | CERAMIC | | | VR301,302 | | | R39-0013-08 | VARIABLE RESISTOR | TONES | |
| C239,240 | | | C91-0749-05 | CERAMIC | | | VR303 | | | R31-0055-08 | VARIABLE RESISTOR | BALANCE | |
| C241 | | | CK45FB1H102K | CERAMIC | | | VR304 | | | R39-0005-08 | VARIABLE RESISTOR | VOLUME CONTROL | |
| C261 | | | CK45FB2H103K | CERAMIC | | | PW301,302 | | | S68-0040-08 | PUSH SWITCH | | |
| C267,268 | | | C91-0769-05 | CERAMIC | | | PW401 | | | S68-0045-08 | PUSH SWITCH | | |
| C301,302 | | | CE04KW1HR33M | ELECTRO | | | SW101 | | | S40-1089-05 | SLIDE SWITCH | POWER | M |
| C303,306 | | | C91-0745-05 | CERAMIC | | | SW102 | | | S62-0059-08 | SLIDE SWITCH | | |
| C307,308 | | | C91-0749-05 | CERAMIC | | | SW301-306 | | | S70-0030-08 | TACT SWITCH | | |
| C309,310 | | | C91-0769-05 | CERAMIC | | | BD102 | | | D3SB20 | DIODE | | |
| C311,312 | | | CE04KW1E470M | ELECTRO | | | D109-114 | | | 1SS131T | DIODE | | |
| C313-316 | | | CE04KW1HR33M | ELECTRO | | | D115-118 | | | 1N4002A | DIODE | | |
| C317-320 | | | CE04KW1H100M | ELECTRO | | | D301-304 | | * | SLR54VR | LED | | |
| C321-324 | | | CQ92FM1H233J | MYLAR | | | D305 | | * | SLB25VR3 | LED | | |
| C325,326 | | | C91-0754-05 | CERAMIC | | | D306 | | * | SLR54VR | LED | | |
| C327 | | | CE04KW1C220M | ELECTRO | | | D307 | | * | SLB25VR3 | LED | | |
| C328 | | | C91-0769-05 | CERAMIC | | | D311 | | | 1SS131T | DIODE | | |
| C329,330 | | | CE04KW1H100M | ELECTRO | | | D315 | | | SLR54VR | LED | | |
| C331,332 | | | C91-0754-05 | CERAMIC | | | D320 | | | 1SS131T | DIODE | | |
| C333 | | | CK45FF1H473Z | CERAMIC | | | D501-504 | | | 1N4002A | DIODE | | |
| C335 | | | C91-0769-05 | CERAMIC | | | IC101 | | | NIJ7313AL | IC(ANALOG SWITCH) | | |
| C338 | | | CE04KW1C101M | ELECTRO | | | IC102 | | | NJM4580D-D | IC(OP AMP X2) | | |
| C341 | | | CE04KW1HR10M | ELECTRO | | | IC103 | | | NJM4585D-D | IC(OP AMP X2) | | |
| C343,344 | | | CQ92FM1H273J | MYLAR | | | IC104 | | | UPC1237HA | IC(POWER AMP) | | |
| C345,346 | | | C91-0745-05 | CERAMIC | | | IC301,302 | | | NJM4565D-D | IC(OP AMP X2) | | |
| C387 | | | CE04KW1C101M | ELECTRO | | | IC303 | | | HD404222 | IC(U-COM) | | |
| C401,402 | | | CK45FB1H102K | CERAMIC | | | Q101,102 | | | 2SC1845F | TRANSISTOR | | |
| C403 | | | CK45FB1H103K | CERAMIC | | | Q103,104 | | | 2SC2878 | TRANSISTOR | | |
| C501 | | | CE04KW1C471M | ELECTRO | | | Q105 | | | DTC124ES | TRANSISTOR | | |
| C502-506 | | | CK45FB1H103K | CERAMIC | | | Q106 | | * | 2SC1027Y | TRANSISTOR | | |
| C601 | | | C91-1441-08 | CERAMIC | | | Q107 | | | 2SA992F | TRANSISTOR | | |
| CN101,102 | | | J13-0084-08 | FUSE CLIP | | | Q108 | | | DTA124ES | TRANSISTOR | | |
| CN310 | | | E40-9986-08 | PIN ASSY | | | Q109 | | | DTC124ES | TRANSISTOR | | |
| JACK101 | | * | E40-9970-08 | PIN ASSY | | | Q110 | | | 2SC1845F | TRANSISTOR | | |
| JACK102-104 | | | E63-0189-08 | PHONO JACK(2P)PHONO | | | Q111,112 | | | SC2878 | TRANSISTOR | | |
| JACK105 | | * | E63-0186-08 | PHONO JACK(4P)CD/TUNER/TAPE | | | Q113-116 | | | SC1845F | TRANSISTOR | | |
| JACK201 | | * | E63-0190-08 | PHONE JACK | | | Q117-120 | | | 2SA992F | TRANSISTOR | | |
| F501 | | | E70-0077-08 | TERMINAL BOARD(8P)SPEAKERS | | | Q121,122 | | | 2SC4137V | TRANSISTOR | | |
| F502 | | | F06-2021-05 | FUSE | | | Q123,124 | | | 2SC1845F | TRANSISTOR | | |
| F503 | | | F50-0008-08 | FUSE | | | Q125 | | | 2SD2390P | TRANSISTOR | | |
| L101,102 | | | L39-1303-08 | PHASE COMPENSATION COIL | | | Q126,127 | | | 2SB1560P | TRANSISTOR | | |
| X301 | | | L78-0617-08 | RESONATOR | | | Q128 | | | 2SD2390P | TRANSISTOR | | |
| K101 | | | S76-0054-08 | MAGNETIC RELAY | | | Q135 | | | 2SA992F | TRANSISTOR | | |
| R185,186 | | | RD14GB2E470J | FL-PROOF RD | | | Q136 | | | 2SD2058Y | TRANSISTOR | | |
| R197-200 | | | RD14GB2E680J | FL-PROOF RD | | | Q137 | | | 2SB1366Y | TRANSISTOR | | |
| R205,206 | | | RD14GB2E680J | FL-PROOF RD | | | Q301 | | | DTA114ES | TRANSISTOR | | |
| R207-210 | | | RD14GB2E220J | FL-PROOF RD | | | Q302,303 | | | 2SC1740SR | TRANSISTOR | | |
| R215,216 | | | R90-0948-08 | MULTI-COMP | | | Q304 | | | DTC114TS | TRANSISTOR | | |
| R227,228 | | | RS14GB3A100J | FL-PROOF RS | | | Q305 | | | DTA114ES | TRANSISTOR | | |
| R246 | | | RS14GB3A561J | FL-PROOF RS | | | ZD101 | | | MTZ6.2B | ZENER DIODE | | |
| R251,252 | | | RD14GB2E470J | FL-PROOF RS | | | ZD102,103 | | | MTZJ16B | ZENER DIODE | | |
| | | | | | | | ZD105,106 | | | MTZ5.1B | ZENER DIODE | | |
| L : Scandinavia P : Canada Y : PXI/Far East, Hawaii X : AAFES(Europe) | | | | | | | K : USA P : Canada Y : PXI/Far East, Hawaii X : AAFES(Europe) | | | | | | |
| R : Mexico G : Germany M : Other Areas | | | | | | | R : Mexico G : Germany M : Other Areas | | | | | | |
| Δ indicates safety critical components. | | | | | | | Δ indicates safety critical components. | | | | | | |

L : Scandinavia
 Y : PK(Far East, Hawaii)
 Y : AAFES(Europe)

K : USA
 T : Europe
 X : Australia

P : Canada
 E : Europe
 M : Other Areas

R : Mexico
 G : Germany

Δ indicates safety critical components.

KA-1080

SPECIFICATIONS

For U.K. and Europe

Continuous rated power output

(DIN) 1 kHz

at 8 Ω 60 W + 60 W

at 4 Ω 80 W + 80 W

(IEC / NF) From 63 Hz to 12,500 Hz, 0.7 % T.H.D.

at 8 Ω 60 W + 60 W

at 4 Ω 80 W + 80 W

Damping factor42 (50 Hz)

Total harmonic distortion

.....0.06 % (40 Hz ~ 20,000 Hz, 30 W, 8 Ω)

.....0.01 % (1 kHz, 60 W, 8 Ω)

Frequency response (IHF'78)

CD / TUNER / TAPE10 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO 'RIAA' response...20 Hz ~ 20 kHz, +1.0 dB, -1.0 dB

Maximum input level

PHONO (MM)100 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

PHONO (MM)70 dB (IHF '66)

CD / TUNER / TAPE.....97 dB (IHF '66)

PHONO (MM)57 dB (DIN, 50 mW output)

CD / TUNER / TAPE60 dB (DIN, 50 mW output)

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 k Ω

CD / TUNER / TAPE200 mV / 47 k Ω

Tone control

BASS ± 10 dB (at 100 Hz)

TREBLE ± 10 dB (at 10 kHz)

Loudness control

VOLUME at -30 dB level+9 dB (at 100 Hz)

Output level / impedance

TAPE REC.....200 mV / 220 Ω

General

Power consumption160 W

DimensionsW : 440 mm

.....H : 123 mm

.....D : 395 mm

Weight (Net)7.0 kg

KENWOOD follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.

For other countries

Continuous rated power output

(EIAJ) 1 kHz, 10 % T.H.D.

at 8 Ω 80 W + 80 W

at 4 Ω 110 W + 110 W

(DIN / IEC)

at 8 Ω 60 W + 60 W

at 4 Ω 80 W + 80 W

Damping factor42 (50 Hz)

Total harmonic distortion

.....0.06 % (40 Hz ~ 20,000 Hz, 30 W, 8 Ω)

.....0.01 % (1 kHz, 60 W, 8 Ω)

Frequency response (IHF'78)

CD / TUNER / TAPE10 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO 'RIAA' response...20 Hz ~ 20 kHz, +1.0 dB, -1.0 dB

Maximum input level

PHONO (MM)100 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

PHONO (MM)70 dB (IHF '66)

CD / TUNER / TAPE.....97 dB (IHF '66)

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 k Ω

CD / TUNER / TAPE200 mV / 47 k Ω

Tone control

BASS ± 10 dB (at 100 Hz)

TREBLE ± 10 dB (at 10 kHz)

Loudness control

VOLUME at -30 dB level+9 dB (at 100 Hz)

Output level / impedance

TAPE REC.....200 mV / 220 Ω

General

Power consumption160 W

DimensionsW : 440 mm

.....H : 123 mm

.....D : 395 mm

Weight (Net)7.0 kg

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

14-6,Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O BOX 55-2791, Piso 6 plaza Chase, Cl 47 y Aquilino de la Guardia Panama, Republic de Panama

KENWOOD ELECTRONICS U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB., United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.

Meachelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Riembrücker Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001499 074)

P.O Box 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane # 07-00, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD.

10th Floor, Block B, Wisma Semantan, No. 12 Jalan Gelenggang, Bukit Damansara, 50490 Kuala Lumpur, Malaysia